

# INTERNATIONAL SEARCH REPORT

Inter... Application No  
PCT/GB2005/000109

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J19/10 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J C02F B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 577 669 A (VUJNOVIC ET AL) 26 November 1996 (1996-11-26) abstract; figures; examples column 3, line 59 - column 4, line 2 column 5, line 65 - column 6, line 4	1,3-8, 15,17-20
A	WO 00/35579 A (AEA TECHNOLOGY PLC; PERKINS, JOHN, PATRICK) 22 June 2000 (2000-06-22) abstract; figures page 5, line 18 - line 29	1
A	US 6 269 952 B1 (WATT JOHN H ET AL) 7 August 2001 (2001-08-07) abstract; figure 2 column 2, line 62 - column 3, line 24	1
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

30/05/2005

Name and mailing address of the ISA

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Intern

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 656 436 B1 (SENTAGNES DOMINIQUE ET AL) 2 December 2003 (2003-12-02) abstract; figures column 11, line 27 - line 54	1
A	GB 2 306 202 A (* BRITISH NUCLEAR FUELS PLC) 30 April 1997 (1997-04-30) the whole document	1

# INTERNATIONAL SEARCH REPORT

nation on patent family members

Intern

Application No

PCT/GB2005/000109

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5577669	A	26-11-1996	AU 686499 B2 AU 5023596 A CA 2213212 A1 WO 9625232 A1 ZA 9507185 A	05-02-1998 04-09-1996 22-08-1996 22-08-1996 17-04-1996
WO 0035579	A	22-06-2000	AT 234150 T DE 69905952 D1 DE 69905952 T2 DK 1148943 T3 EP 1148943 A1 ES 2194551 T3 WO 0035579 A1 PT 1148943 T US 2004081591 A1	15-03-2003 17-04-2003 14-08-2003 22-04-2003 31-10-2001 16-11-2003 22-06-2000 31-07-2003 29-04-2004
US 6269952	B1	07-08-2001	AT 215403 T AU 7845698 A DE 69711692 D1 DE 69711692 T2 EP 0948410 A1 ES 2175491 T3 WO 9825704 A1 GB 2320245 A ,B PT 948410 T	15-04-2002 03-07-1998 08-05-2002 28-11-2002 13-10-1999 16-11-2002 18-06-1998 17-06-1998 30-09-2002
US 6656436	B1	02-12-2003	FR 2780902 A1 AT 261916 T CA 2337268 A1 DE 69915644 D1 DE 69915644 T2 EP 1105353 A1 ES 2216526 T3 WO 0002821 A1	14-01-2000 15-04-2004 20-01-2000 22-04-2004 17-02-2005 13-06-2001 16-10-2004 20-01-2000
GB 2306202	A	30-04-1997	NONE	